

DETAILED INSTRUCTIONS FOR AUTHORS

General information

The journal **DYNA New Technologies (hereinafter DYNANT)** is a scientific publication on new or emerging technologies, belonging to Publicaciones DYNA SL.

Preference is given to articles that showcase **innovative** concepts of great interest and deal with issues related to **DYNANT's** objective and thematic coverage.

DYNANT is a peer-reviewed journal, and its contents are reviewed by external experts through a *double-blind peer-review* process. Each article is reviewed by at least two external reviewers, **and** all papers received are considered confidential. The rigour of this peer-review process guarantees the confidentiality and anonymity of authors and reviewers.

DYNANT adopts and adheres to the publication standards set out in "*Guidelines for scientific publishing*" developed by the **International Council of Scientific Unions**, ICSU Press Publishing. ISBN 0-930357-44-2. Compliance with the requirements of this style guide ("*Guidelines for scientific publishing*") facilitates the indexing of the journal in the main databases of journals in the field, thus improving the dissemination and impact of the authors and their work.

Code of ethics

The journal adheres to the code of ethics published by the COMMITTEE ON PUBLICATION ETHICS in: [Code of core practices for journal editors](#) and [Retraction guidelines](#).

Guidelines for authors

We remind authors that the Journal **DYNANT** is a journal of Engineering Engineering in Emerging New Technologies and should be aware that its subscribers/readers cover a wide range of knowledge, corresponding to Spanish general engineering education and professional work.

That is why they should consider that, both in research articles and in best practice collaborations, we consider it essential:

- They must conform to the maximum dimensions required, 5,500 words for research articles and 4,000 words for contributions, including the abstract, tables, graphs, bibliography, etc.
- As this is an applied research journal, articles based on tests, analyses or trials must support the work carried out by stating: the objective that led to them being carried out, the quality or economic reasons foreseen, the conclusions drawn from the tests and, in particular, the industrial applications of these conclusions.
- That an important added value is the contribution of photographic images of the materials and/or equipment used or obtained, showing the effective reality of the work.
- That, in order to facilitate minimum access to the proposal, especially when dealing with topics with a high mathematical content, care should be taken to ensure that at least the titles, introduction and summary are understandable to a majority of the general non-specialist engineering community.

Clarity as a requirement

DYNANT is a scientific and technological journal on new and emerging technologies: Informatics, Telecommunications, Nanotechnology, Biotechnology..... Despite this specialisation, we consider important CLARITY and SIMPLICITY in language and exposition, explaining the less usual terms and concepts or the acronyms used to shorten the text. We especially look for the real application of the knowledge or theories proposed.

Scope and Policy

DYNANT's primary purpose is to support the dissemination of original research results, technical studies, communications, etc. that are carried out in the world within its editorial line. These works must be original and unpublished and must not be under consideration for publication in another journal.

The author alone is responsible for the statements made in his article.

Work in the field of energy technologies and sustainability that involves the development of new technologies will be considered

for publication:

- Original basic or applied research, the latter being preferable, and in the case of basic research, at least indicate the possible use of its conclusions.
- Practical realisations of significant improvements in materials, products or processes, detailing the methodology followed and results obtained.

Types of content covered:

- **Research Article:** It will include the results of original, theoretical or experimental research. The original aspects proposed must be clearly appreciated. With a maximum length of 5,500 words including summary and references. It will contain a maximum of 40 bibliographical references and 8 figures or tables. The research can be basic or applied, the latter being preferable. If it is basic, at least the possible practical use of its conclusions must be proposed.
- **Review Article:** It will describe and compile the most recent developments or published works on a given topic in a coherent and analysed manner, highlighting future developments and issues to be resolved. It will have a maximum length of 6,500 words, 80 bibliographical references and 8 figures or tables.
- **Collaborations (Best Practices, State of the Art and Definition of Products or Processes):** Description of positive experiences with notable achievements in any field of industrial engineering, contributing an original or useful perspective. This category includes both planned work, which will be described with the necessary detail and progress, and experiences or projects that have already been carried out. The latter will present the methodology, process and results obtained. Approximate maximum length: 4,000 words. It will contain a maximum of 20 bibliographical references and 6 figures or tables.

Requirements, Template and Structure of the work

Originals should preferably be submitted through our website <https://www.dyna-newtech.com> via the menu item "[Article Submission](#)" or, if this is not possible, by e-mail to dyna@revistadyna.com.

There is no specific format to send the article for reviewer evaluation, any usual scientific format containing the essentials: title, authors, abstract, key words, results, conclusions... is valid.

As far as possible, the use of excessively specialised language and the overuse of mathematical functions should be avoided in order to make the ideas presented easier to understand.

Articles can be written and reviewed **in Spanish or English**. Once approved, priority for publication will be given to papers translated into both languages. The requirements are as follows:

Cover letter and proposal of reviewers

The paper should be accompanied by a **covering letter (or e-mail)** in which the author requests consideration of the paper for publication, indicating:

- That it is an original work not published in any other media or journal.
- That the article has not been simultaneously submitted to other media or journals.
- The original contribution that the work presents, why it has been carried out and what are the actual results obtained.
- Confirming the authorship of all the authors listed in the article and their intellectual contribution to the article
- That all authors have read and approved the final version of the revised manuscript.
- In the event of acceptance for publication, the authors assign all rights to the publisher, without whose express permission none of the published material may be reproduced (see section on embargo and copyright policy).
- The 6-digit DYNA (UNESCO) code corresponding to the subject of the article, selecting it from the codes available on the Web at www.revistadyna.com/doc/codigos.pdf "*Useful information for authors and reviewers*".
- The Digital Object Identifier (DOI) of the references
- The level of commitment to the translation of the paper into English once approved. Being aware that English is the official language of science and that articles in this language always obtain a higher Impact Factor, both versions of the article will be published on the DYNANT website to make it more visible to the international scientific community. In addition, the English version will be published in open access.

In the event that the authors wish to recommend experts, a maximum of three, in the speciality of their work as possible reviewers, they may do so in this cover letter, indicating their contact details: names, e-mail, telephone, ... These proposed reviewers must meet the following requirements:

- Minimum academic degree of Doctor
- Have a broad knowledge of the discipline to be reviewed
- Not to have been part of the research group presenting the work.

Article format

Once the article has been approved, it should be moved to the word template downloadable at:

https://www.dyna-newtech.com/doc/_dnt/articulo.dot(template in English)

https://www.dyna-newtech.com/doc/_dnt/articulo_i.dot(template in English)

To make it easier to understand, you can also download an example of an article already formatted by the above mentioned template at: https://www.dyna-newtech.com/doc/_dnt/artejemplo.doc (example article)

Metadata or Header:

- **Title of the article:** (in Spanish and English): the title should be brief and concise with a maximum length of 150 characters. If necessary, a subtitle separated by a full stop can be added after the title. Avoid using empty expressions, symbols, formulas, abbreviations or acronyms. See some guidelines on how to find an attractive title at: www.revistadyna.com/doc/como_encontrar_un_titulo_atractivo.pdf
- **Name and 2 surnames:** of each of the authors together with a brief curriculum vitae.
- Full name of each author's place of work, which will be referenced below the author's name.
- **Name and full address** of the person responsible for the work or the first author, including e-mail and telephone number.
- **Grants, aids or financial support** received (Research Projects) for the subsidy of the work and other specifications, where applicable, of the author, academic title, company or institution to which he/she belongs, e-mail address, postal address and telephone number.
- The **Abstract** (in Spanish and English) of the work will be a maximum of 300 words. It will describe concisely the motive and objective of the work, the methodology used, the most important results and the main conclusions. Emphasis will be placed on the novel and relevant aspects of the work. Given the importance of the English language in the technical-scientific world, it is recommended, when proposing the article in Spanish, to pay special attention to the preparation of the abstract in English. The Abstract is freely accessible to anyone surfing the Internet and should therefore serve to "awaken" the interest of potential readers by giving a clear idea of what will be found in the document.
- **Keywords** (in Spanish and English): A minimum of 12 key words that identify the content of the paper should be specified below the abstract for inclusion in national and international repertories and databases. Some of these keywords should be included in the title of the article in order to prioritise their inclusion in searches.

Text of the article:

- The article will have a maximum length of 5,500 words (See size limitations in Type of articles). In exceptional cases, a longer length may be agreed with the **DYNANT** management and will be submitted to the Editorial Board for approval. All abbreviations mentioned must be clarified in their meaning. Arabic numerals should be used for pagination and for numbering the sections and sub-sections of the article. The use of units of measurement will follow the rules of the International System.
- References within the text: Avoid the Harvard system (Author, year). Number the bibliography at the end of the article and use this numbering to reference in-text citations.

Electronic text file formats can be .ODF (Open document), .DOC, .DOCX (Office word), .RTF, or .TXT. A minimum quality of 300dpi is recommended for photographs/images attached to the article.

Structure of the text

The texts presented can be divided into the following sections: introduction, material and methods, results, discussion and conclusions. If preferred, the material and methods section could be called development, execution or realisation and the discussion and conclusions sections could be unified under this joint heading.

Introduction: It should include the rationale and purpose of the study, using the strictly necessary bibliographic citations. It will not include data or conclusions of the work being presented.

Material and methods: This will be presented as precisely as is convenient for the reader to understand and confirm the development of the work. Previously published methods should be described only briefly and the corresponding citations should be provided, unless modifications have been made to them. In the case of an original methodology, the reasons that led to its use must be stated and its possible limitations must be described.

Results: They should appear in a logical sequence in the text, tables or figures, and the same data should not be repeated in all

of them. Efforts should be made to highlight important observations. The observations made with the material and methods used should be described, without interpreting or making value judgements.

Discussion: Summarise the findings, relating your own observations to other studies of interest and pointing out the contributions and limitations of each. Do not repeat in detail data or other material already discussed in other sections. Mention inferences from the findings and their limitations, including inferences for future research. Link conclusions to the objectives of the study, avoiding gratuitous assertions and conclusions not fully supported by the data in the paper.

Conclusions: In the case of preferring to separate it from the previous section, the conclusions will not repeat concepts already expressed, both in the discussion section and in the results, but will mark the definitive and future projection of the work carried out. The Editor of the journal attaches special importance to the practical conclusions drawn from the research.

Other sections:

References: References should be listed in ISO 690 system, following the discussion/conclusions and before the acknowledgements if any. The author is responsible for the accuracy of the bibliographical references. Indicate the DOI (*Digital Object Identifier*) of each reference in link format (<https://doi.org/10.6036/7171>). The style used in the appendix should be used as a model:

www.revistadyna.com/doc/como_citar_bibliografia.pdf

Acknowledgements: Acknowledgements will only be given to individuals who have made substantial contributions to the study but do not qualify as authors, and the author must have their written consent. Likewise, the *Council Science Editors (CSE)* recommends that authors should, where appropriate, explicitly state the source of funding for the research and that this should be included in the acknowledgements ([*Conflicts of Interest and the Peer Review Process. Draft for CSE member review*](#))

Accepted but not yet published papers may be included as references, specifying the name of the journal followed by the expression "in press" or with the corresponding DOI.

Bibliographical citations must be taken from the original documents, always indicating the first and last page of the work from which they come and its corresponding DOI. In order to ensure coherence, at any time during the editorial process the journal's management may require authors to send the first page (photocopy) of each of the articles cited in the bibliography.

In the contents of the type of review, good practices, etc., the author may include the sections that he/she considers appropriate to facilitate understanding.

In-text citations should be made using numbers in square brackets, avoiding the Harvard system (author, year).

Tables: Tables should be used to clarify important points and double documentation in the form of tables and figures is not accepted. The titles or captions that accompany them must explain their content perfectly and must be in italics.

Figures/Photographs: All types of photographs, graphs or drawings will be considered figures. They will be assigned an Arabic number according to the order of appearance in the text, being identified by the abbreviated term fig(s). The captions or legends of each figure must be indicated and with the corresponding number. The text in the figures must be in italics. They must be designed so that they are visible.

Abbreviations: Only universally accepted standard abbreviations should be used. Where it is intended to shorten a term frequently used in the text, the corresponding abbreviation, in brackets, should be used the first time it appears. Roman numerals should not be used in the text. Trade names should not be used unless necessary.

Following the technical and scientific criteria that correspond to a prestigious journal, all articles received will be submitted to the Editorial Board for double-blind **peer review** by experts from the **DYNANT** reviewer database. The result of the evaluation will be communicated directly to the authors.

Editorial Process

Papers must be submitted together with the above-mentioned cover letter. The editors of **DYNANT** will acknowledge receipt of incoming papers to the authors and will subsequently inform them of their acceptance or rejection.

The Editorial Board will consider the paper for publication by the Editorial Board, checking whether it is suitable for the journal's coverage and complies with the publication rules. If so, it will be reviewed externally.

Manuscripts will be reviewed anonymously (double blind) by at least two experts in the object of study and/or methodology used. The editors of the journal, in view of the external reports, reserve the right to accept/reject articles for publication, as well as to introduce stylistic modifications and/or shorten texts that exceed the permitted length, undertaking to respect the content of the original. The protocol used by the reviewers of the journal ("*Guidelines for the evaluation of articles*") can be consulted on the DYNA website: www.dyna-newtech.com/doc/guiaA.pdf

Research Articles, Technical Reports, Reviews and Best Practices will be subject to external peer review. Papers that are reviewed and could be considered for publication after modification must be returned within 15 calendar days, whether minor or major corrections are requested. Authors will receive the reviewers' evaluation reports, anonymously, so that they can make (if necessary) the appropriate corrections or replications.

Authors of accepted articles will receive their proofs for correction by e-mail in PDF format. They must return them corrected on

the PDF to the journal's editorial office within 48 hours of receipt. Only minor corrections can be made to the content of the original manuscript at no extra cost.

On the DYNANT website, the author can find out about the status or publication decision taken on their work [HERE](#) (See in the authors and reviewers area: "*Status of articles under review*").

Embargo, self-archiving and copyright policy

DYNANT applies a 2-year embargo to published articles. Therefore, articles published in the printed journal, which are 2 years old or older, will be freely accessible on the www.dyna-newtech.com website.

Authors who wish to allow free access to their article published in the journal, can make use of the special link that they will receive in the email in which the publication of their work is communicated. The publication of this special link on the author's personal or corporate website will allow free access to the paper without the need for a username and password.

3 months after the publication of the article, the author will be able to include the pdf of the article in his/her personal or corporate website. The colour assigned for the journal according to the Sherpa/Romeo or Dulcinea criteria, is green and therefore the author will be able to file the preprint and postprint versions.

Adaptation to the European Research Council's Plan S

Authors grant DYNA their rights on a non-exclusive basis and are therefore free to archive their pre-print and post-print works in any directories or repositories they wish.

Content dissemination policies

In addition to the dissemination of content on its website, in the printed journal and the international databases in which it is included, DYNANT also uses social networks to publicise the published material: [Youtube](#), [Linkedin](#), [Twitter](#) and [Facebook](#).

Within the file of each article on the website, the tool "How to reference this article" is included, which shows different formats for referencing the content: ISO690, APA, CHICAGO... The interested party only has to copy the text shown to reference that article.

Statistical data on the editorial process

The annual statistics of the editorial process are published as an additional content of each Volume (year). Go to web menu articles / Volumes and issues

Data interoperability

The journal uses the unique identifiers DOI and ORCID for its articles and authors respectively.

The website uses the OAI-PMH (DublinCore) protocol to facilitate the harvesting of metadata by third parties.

Ethical responsibilities

It is the responsibility and duty of the journal's editorial staff to remind contributors of the following points:

- Have permission to publish from the institution that has funded the research.
- DYNANT does not accept previously published material. Authors are responsible for obtaining permission to partially reproduce material (text, tables or figures) from other publications and for properly citing the source.
- Conflict of Interest. The Journal expects authors to declare any business associations that may involve a conflict of interest in connection with the submitted article.
- Authorship. Only those persons who have contributed intellectually to the development of the work should appear in the list of authors. Having helped in the collection of data or having participated in any technique are not in themselves sufficient criteria to be listed as an author. In general, the following requirements must be met in order to be listed as an author:
 - a) To have participated in the conception and execution of the work that has resulted in the article in question.
 - b) Have participated in the drafting of the text and any revisions.

c) To have approved the version that will finally be published.

- The Journal declines any responsibility for possible conflicts arising from the authorship of the papers published in the Journal.

ANNEX 1:

EXAMPLES OF BIBLIOGRAPHICAL REFERENCES

Accurate compliance with the reference citation methodology is of utmost importance for the calculation of the author's and the journal's impact factor.

EXAMPLE OF A JOURNAL ARTICLE (ISO 690):

MUERZA-MARÍN, Victoria; LARRODE-PELLICER, Emilio; DIEZ, Oliver. DEVELOPMENT OF THE MULTITECHNOLOGICAL TREE CONCEPT: AN APPLICATION TO THE AUTOMOTIVE INDUSTRY. *DYNA*, January 2017, vol. 92, nº. 1, p.113-116. ISSN: 0012-7361. DOI: <http://dx.doi.org/10.6036/8002>

Common errors in citing journal articles:

- NOT following the correct order of the concepts to be cited:
 - 1st Surname(s) and first name(s) author
 - 2nd Title of the article
 - 3rd Name of the journal (must be in italics)
 - 4th Month Year, Volume and No.
 - 5th Article pages
- No ISSN
- Do not put the DOI (Digital Object Identifier): The DOI should appear at the end of the citation and should be in link format: <https://doi.org/DOI> , e.g. <https://doi.org/10.6036/7171>.
- Texts other than "p." to define the pages (pag, pg., ...): The correct way to define the pages comprising the article is: p.123-126

A short guide to this standard, produced by the University of Alicante, is available at

https://www.revistadyna.com/doc/Guia_Breve_ISO690-2010.pdf